RAW SEQUENCE LISTING   DATE: 09/01/2004
PATENT APPLICATION: **US/09/900,963A**   TIME: 13:49:57

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF4\09012004\I900963A.raw**

```
 4 <110> APPLICANT: Guerin-Marchand, Claudine
 5         Druilhe, Pierre
 7 <120> TITLE OF INVENTION: Peptide Sequences Specific for the Hepatic Stages of P.
Falciparum
 8         Bearing Epitopes Capable of Stimulating the T Lymphocytes
10 <130> FILE REFERENCE: 010830-118
12 <140> CURRENT APPLICATION NUMBER: US 09/900,963A
13 <141> CURRENT FILING DATE: 2001-07-10
15 <150> PRIOR APPLICATION NUMBER: US 08/098,327
16 <151> PRIOR FILING DATE: 1993-11-24
18 <150> PRIOR APPLICATION NUMBER: PCT/FR92/00104
19 <151> PRIOR FILING DATE: 1992-02-05
21 <150> PRIOR APPLICATION NUMBER: FR 91 01286
22 <151> PRIOR FILING DATE: 1991-02-05
24 <160> NUMBER OF SEQ ID NOS: 47
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 17
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Liver Stage Specific antigen
```

W--> 36 <221> **NAME/KEY: VARIANT**
```
37 <222> LOCATION: 8
38 <223> OTHER INFORMATION: Xaa = Glu or Gly
```
W--> 40 <400> 1
W--> 41 Leu Ala Lys Glu Lys Leu Gln Xaa Gln Gln Ser Asp Leu Glu Gln Glu
```
42    1              5                   10                  15
43 Arg
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 17
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Liver Stage Specific antigen
```
W--> 55 <221> **NAME/KEY: VARIANT**
```
56 <222> LOCATION: 1
57 <223> OTHER INFORMATION: Xaa = Ser or Arg
```
W--> 59 <221> **VARIANT**
```
60 <222> LOCATION: 6
61 <223> OTHER INFORMATION: Xaa = Glu or Asp
```
W--> 63 <221> **VARIANT**
```
64 <222> LOCATION: 8
65 <223> OTHER INFORMATION: Xaa = Arg or Leu
```

RAW SEQUENCE LISTING   DATE: 09/01/2004
PATENT APPLICATION: US/09/900,963A   TIME: 13:49:57

Input Set : A:\Sequence.txt
Output Set: N:\CRF4\09012004\I900963A.raw

```
W--> 67 <221> VARIANT
     68 <222> LOCATION: 15
     69 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 71 <400> 2
W--> 72 Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa Gln
     73 1               5               10              15
     74 Gln
     78 <210> SEQ ID NO: 3
     79 <211> LENGTH: 17
     80 <212> TYPE: PRT
     81 <213> ORGANISM: Artificial Sequence
     83 <220> FEATURE:
     84 <223> OTHER INFORMATION: Liver Stage Specific antigen
W--> 86 <221> NAME/KEY: VARIANT
     87 <222> LOCATION: 2
     88 <223> OTHER INFORMATION: Xaa = Ser or Arg
W--> 90 <221> VARIANT
     91 <222> LOCATION: 7
     92 <223> OTHER INFORMATION: Xaa = Glu or Asp
W--> 94 <221> VARIANT
     95 <222> LOCATION: 9
     96 <223> OTHER INFORMATION: Xaa = Arg or Leu
W--> 98 <221> VARIANT
     99 <222> LOCATION: 16
    100 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 102 <400> 3
W--> 103 Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa
    104 1               5               10              15
    105 Gln
    109 <210> SEQ ID NO: 4
    110 <211> LENGTH: 17
    111 <212> TYPE: PRT
    112 <213> ORGANISM: Artificial Sequence
    114 <220> FEATURE:
    115 <223> OTHER INFORMATION: Liver Stage Specific antigen
W--> 117 <221> NAME/KEY: VARIANT
    118 <222> LOCATION: 3
    119 <223> OTHER INFORMATION: Xaa = Ser or Arg
W--> 121 <221> VARIANT
    122 <222> LOCATION: 8
    123 <223> OTHER INFORMATION: Xaa = Glu or Asp
W--> 125 <221> VARIANT
    126 <222> LOCATION: 10
    127 <223> OTHER INFORMATION: Xaa = Arg or Leu
W--> 129 <221> VARIANT
    130 <222> LOCATION: 17
    131 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 133 <400> 4
W--> 134 Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln
```

```
                RAW SEQUENCE LISTING              DATE: 09/01/2004
                PATENT APPLICATION:  US/09/900,963A    TIME: 13:49:57

                Input Set : A:\Sequence.txt
                Output Set: N:\CRF4\09012004\I900963A.raw


        135  1               5              10            15
W-->    136  Xaa
        140  <210> SEQ ID NO: 5
        141  <211> LENGTH: 17
        142  <212> TYPE: PRT
        143  <213> ORGANISM: Artificial Sequence
        145  <220> FEATURE:
        146  <223> OTHER INFORMATION: Liver Stage Specific antigen
W-->    148  <221> NAME/KEY: VARIANT
        149  <222> LOCATION: 1
        150  <223> OTHER INFORMATION: Xaa = Glu or Gly
W-->    152  <221> VARIANT
        153  <222> LOCATION: 4
        154  <223> OTHER INFORMATION: Xaa = Ser or Arg
W-->    156  <221> VARIANT
        157  <222> LOCATION: 9
        158  <223> OTHER INFORMATION: Xaa = Glu or Asp
W-->    160  <221> VARIANT
        161  <222> LOCATION: 11
        162  <223> OTHER INFORMATION: Xaa = Arg or Leu
W-->    164  <400> 5
W-->    165  Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu
        166  1               5              10            15
        167  Gln
        171  <210> SEQ ID NO: 6
        172  <211> LENGTH: 17
        173  <212> TYPE: PRT
        174  <213> ORGANISM: Artificial Sequence
        176  <220> FEATURE:
        177  <223> OTHER INFORMATION: Liver Stage Specific antigen
W-->    179  <221> NAME/KEY: VARIANT
        180  <222> LOCATION: 2
        181  <223> OTHER INFORMATION: Xaa = Glu or Gly
W-->    183  <221> VARIANT
        184  <222> LOCATION: 5
        185  <223> OTHER INFORMATION: Xaa = Ser or Arg
W-->    187  <221> VARIANT
        188  <222> LOCATION: 10
        189  <223> OTHER INFORMATION: Xaa = Glu or Asp
W-->    191  <221> VARIANT
        192  <222> LOCATION: 12
        193  <223> OTHER INFORMATION: Xaa = Arg or Leu
W-->    195  <400> 6
W-->    196  Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys
        197  1               5              10            15
        198  Leu
        202  <210> SEQ ID NO: 7
        203  <211> LENGTH: 17
        204  <212> TYPE: PRT
```

```
       205 <213> ORGANISM: Artificial Sequence
       207 <220> FEATURE:
       208 <223> OTHER INFORMATION: Liver Stage Specific antigen
W-->   210 <221> NAME/KEY: VARIANT
       211 <222> LOCATION: 3
       212 <223> OTHER INFORMATION: Xaa = Glu or Gly
W-->   214 <221> VARIANT
       215 <222> LOCATION: 6
       216 <223> OTHER INFORMATION: Xaa = Ser or Arg
W-->   218 <221> VARIANT
       219 <222> LOCATION: 11
       220 <223> OTHER INFORMATION: Xaa = Glu or Asp
W-->   222 <221> VARIANT
       223 <222> LOCATION: 13
       224 <223> OTHER INFORMATION: Xaa = Arg or Leu
W-->   226 <400> 7
W-->   227 Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu
       228 1               5               10              15
       229 Lys
       233 <210> SEQ ID NO: 8
       234 <211> LENGTH: 17
       235 <212> TYPE: PRT
       236 <213> ORGANISM: Artificial Sequence
       238 <220> FEATURE:
       239 <223> OTHER INFORMATION: Liver Stage Specific antigen
W-->   241 <221> NAME/KEY: VARIANT
       242 <222> LOCATION: 4
       243 <223> OTHER INFORMATION: Xaa = Glu or Gly
W-->   245 <221> VARIANT
       246 <222> LOCATION: 7
       247 <223> OTHER INFORMATION: Xaa = Ser or Arg
W-->   249 <221> VARIANT
       250 <222> LOCATION: 12
       251 <223> OTHER INFORMATION: Xaa = Glu or Asp
W-->   253 <221> VARIANT
       254 <222> LOCATION: 14
       255 <223> OTHER INFORMATION: Xaa = Arg or Leu
W-->   257 <400> 8
W-->   258 Lys Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys
       259 1               5               10              15
       260 Glu
       264 <210> SEQ ID NO: 9
       265 <211> LENGTH: 17
       266 <212> TYPE: PRT
       267 <213> ORGANISM: Artificial Sequence
       269 <220> FEATURE:
       270 <223> OTHER INFORMATION: Liver Stage Specific antigen
W-->   272 <221> NAME/KEY: VARIANT
       273 <222> LOCATION: 5
```

RAW SEQUENCE LISTING   DATE: 09/01/2004
PATENT APPLICATION: US/09/900,963A   TIME: 13:49:57

Input Set : A:\Sequence.txt
Output Set: N:\CRF4\09012004\I900963A.raw

```
       274 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 276 <221> VARIANT
       277 <222> LOCATION: 8
       278 <223> OTHER INFORMATION: Xaa = Ser or Arg
W--> 280 <221> VARIANT
       281 <222> LOCATION: 13
       282 <223> OTHER INFORMATION: Xaa = Glu or Asp
W--> 284 <221> VARIANT
       285 <222> LOCATION: 15
       286 <223> OTHER INFORMATION: Xaa = Arg or Leu
W--> 288 <400> 9
W--> 289 Glu Lys Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala
       290  1               5                  10                 15
       291 Lys
       295 <210> SEQ ID NO: 10
       296 <211> LENGTH: 17
       297 <212> TYPE: PRT
       298 <213> ORGANISM: Artificial Sequence
       300 <220> FEATURE:
       301 <223> OTHER INFORMATION: Liver Stage Specific antigen
W--> 303 <221> NAME/KEY: VARIANT
       304 <222> LOCATION: 6
       305 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 307 <221> VARIANT
       308 <222> LOCATION: 9
       309 <223> OTHER INFORMATION: Xaa = Ser or Arg
W--> 311 <221> VARIANT
       312 <222> LOCATION: 14
       313 <223> OTHER INFORMATION: Xaa = Glu or Asp
W--> 315 <221> VARIANT
       316 <222> LOCATION: 16
       317 <223> OTHER INFORMATION: Xaa = Arg or Leu
W--> 319 <400> 10
W--> 320 Lys Glu Lys Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa
       321  1               5                  10                 15
       322 Ala
       326 <210> SEQ ID NO: 11
       327 <211> LENGTH: 17
       328 <212> TYPE: PRT
       329 <213> ORGANISM: Artificial Sequence
       331 <220> FEATURE:
       332 <223> OTHER INFORMATION: Liver Stage Specific antigen
W--> 334 <221> NAME/KEY: VARIANT
       335 <222> LOCATION: 7
       336 <223> OTHER INFORMATION: Xaa = Glu or Gly
W--> 338 <221> VARIANT
       339 <222> LOCATION: 10
       340 <223> OTHER INFORMATION: Xaa = Ser or Arg
W--> 342 <221> VARIANT
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/01/2004
PATENT APPLICATION: US/09/900,963A   TIME: 13:49:58

Input Set : A:\Sequence.txt
Output Set: N:\CRF4\09012004\I900963A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:1; Xaa Pos. 8
Seq#:2; Xaa Pos. 1,6,8,15
Seq#:3; Xaa Pos. 2,7,9,16
Seq#:4; Xaa Pos. 3,8,10,17
Seq#:5; Xaa Pos. 1,4,9,11
Seq#:6; Xaa Pos. 2,5,10,12
Seq#:7; Xaa Pos. 3,6,11,13
Seq#:8; Xaa Pos. 4,7,12,14
Seq#:9; Xaa Pos. 5,8,13,15
Seq#:10; Xaa Pos. 6,9,14,16
Seq#:11; Xaa Pos. 7,10,15,17
Seq#:12; Xaa Pos. 1,8,11,16
Seq#:13; Xaa Pos. 2,9,12,17
Seq#:14; Xaa Pos. 1,3,10,13
Seq#:15; Xaa Pos. 2,4,11,14
Seq#:16; Xaa Pos. 3,5,12,15
Seq#:17; Xaa Pos. 4,6,13,16
Seq#:18; Xaa Pos. 5,7,14,17
```

VERIFICATION SUMMARY   DATE: 09/01/2004
PATENT APPLICATION: **US/09/900,963A**   TIME: 13:49:58

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF4\09012004\I900963A.raw**

```
L:36  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:40  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:41  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:55  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:59  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:63  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:67  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:71  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:72  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:86  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:90  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:94  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:98  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:102 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:117 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:121 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:125 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:129 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:133 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16
L:148 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:152 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:156 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:160 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:164 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:179 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:187 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:191 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:195 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:210 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:214 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:218 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:222 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:226 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:241 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:245 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:249 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:257 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:272 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
```

VERIFICATION SUMMARY   DATE: 09/01/2004
PATENT APPLICATION: **US/09/900,963A**   TIME: 13:49:58

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF4\09012004\I900963A.raw**

```
L:280 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:284 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:288 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:303 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:307 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:311 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:315 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:319 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:334 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:342 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:346 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:350 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:365 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:369 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:373 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:377 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:381 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:396 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:400 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:404 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:408 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:412 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16
L:427 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:431 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:435 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:439 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:443 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:458 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:462 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:466 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:470 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:474 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:489 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:493 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:497 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:501 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:505 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:520 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
```

VERIFICATION SUMMARY   DATE: 09/01/2004
PATENT APPLICATION: **US/09/900,963A**   TIME: 13:49:58

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF4\09012004\I900963A.raw**

```
L:524  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:528  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:532  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:536  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:537  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:551  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:555  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:559  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:563  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:567  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:568  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:570  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
L:938  M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:941  M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37
L:1140 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1143 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1378 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1381 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:46
```